



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KURAMOTO ET AL

Application No.: 10/731,436

Art Unit: 1725

Filed: December 10, 2003

For: SOLDER BALL ASSEMBLY FOR BUMP FORMATION AND
METHOD FOR ITS MANUFACTURE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the requirements of 37 CFR §§1.56 and 1.97, the attention of the Examiner is directed to the documents listed on the attached Form PTO-1449. A copy of each of the listed documents is attached. Neither this Statement nor the listing of these documents on Form PTO-1449 is an admission that these documents are prior art as to the Applicants or a representation that a search has been made or that no more pertinent documents exist.

The attention of the Examiner is also invited to copending Application No. 10/632,106 by Kuramoto et al entitled "Solder

Ball Assembly, a Method for Its Manufacture, and a Method of Forming Solder Balls". A copy of that application is attached.

The Applicants respectfully request that the listed documents be considered by the Examiner and made of record in the referenced patent application.

Respectfully submitted,



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Date: April 6, 2004

Form PTO-1449 (Modified)

Atty Docket No.

Serial No.

List of Patents and Publications
For Applicant's Information
Disclosure Statement

1057

10/731,436

Applicant

KURAMOTO ET AL

(Use several sheets
if necessary)

Filing Date

Group

December 10, 2003

1725

U.S. PATENT DOCUMENTS

| Exr's Initial | Document No. | Date | Name | Class | Sub class | Filing Date |
|------------------|--------------|------|------|-------|--------------|----------------|
| AA | | | | | | |
| AB | | | | | | |
| AC | | | | | | |
| AD | | | | | | |
| AE | | | | | | |
| AF | | | | | | |
| AG | | | | | | |
| AH | | | | | | |
| AI | | | | | | |
| AJ | | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document No. | Date | Country | Class | Sub class | Translation Yes No |
|----|----------------------|----------|---------|-------|--------------|-------------------------|
| AK | 08 3 0 9 5 2 3 | 11/26/96 | Japan | | | x Abstract |
| AL | 2001- 1 9 6 7 3 0 | 07/19/01 | Japan | | | x Abstract |
| AM | | | | | | |
| AN | | | | | | |
| AO | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AP | |
| AQ | |
| AR | |

Examiner

Date Considered

EXAMINER: Initial if reference considered, no matter whether citation is in conformance with MPEP 609; draw line through citation if not in conformance **and** not considered. Include copy of this form with next communication to applicant.